Please type a plus sign (+) inside this box → [ ]

OIPE JC11 AUG 03 2004 PATENT & TRADEMARK OFFICE

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 7

Complete if Known	
Application Number	09/902,469
Filing Date	07/10/2001
First Named Inventor	Ebbo
Group Art Unit	2122
Examiner Name	Steelman, M.
Attorney Docket Number	160315.01

all through references are duplicates 105 Paper #8 AA

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.1	U.S. Patent Document Number	Kind	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		~~5,748,890~~		~~Gutzberg et al.~~	~~05-05-1998~~	
MS		5,774,670		Montulli	06-30-1998	
		~~5,812,990~~		~~Rubin et al.~~	~~09-22-1998~~	
MS		5,835,724		Smith	11-10-1998	
		~~5,897,622~~		~~Blinn~~	~~04-27-1999~~	
		~~5,948,075~~		~~Mutschler III~~	~~08-17-1999~~	
		~~5,953,524~~		~~Meng et al.~~	~~09-14-1999~~	
MS		5,961,601		Iyengar	10-05-1999	
		~~5,983,227~~		~~Nazem et al.~~	~~11-09-1999~~	
		~~5,991,802~~		~~Allard et al.~~	~~11-23-1999~~	
		~~6,014,666~~		~~Helland et al.~~	~~01-11-2000~~	
		~~6,032,267~~		~~Wilson~~	~~02-29-2000~~	
MS		6,076,108		Courts et al.	06-13-2000	
		~~6,108,717~~		~~Kimura~~	~~08-23-2000~~	
MS		6,115,744		Robins	09-05-2000	
MS		6,178,461		Chan	01-23-2001	
		~~6,185,608~~		~~Hon et al.~~	~~02-06-2001~~	
		~~6,205,480~~		~~Broadhurst et al.~~	~~03-20-2001~~	
MS		6,212,192		Mirashrafi et al.	04-03-2001	
MS		6,230,160		Chan	05-08-2001	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.1	Foreign Patent Document Kind Codes Office3 Number4	(if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T6
		~~EP 01 1 1079~~		~~Philips~~	~~12-18-2000~~		
		~~WO 98/21651~~		~~DSC Telecom LP~~	~~05-22-1998~~		
		~~WO 98/44693~~		~~Apple Computer Inc.~~	~~10-08-1998~~		
		~~WO 99/34288 A~~		~~Alcatel USA Sourcing LP~~	~~07-08-1999~~		

Examiner Signature	M. Steelman	Date Considered	3.15.05

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Best Available Copy

Please type a plus sign (+) inside this box —P [+]

OIPE
AUG 03 2004
PATENT & TRADEMARK OFFICE

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2 of 7

Complete If Known	
Application Number	09/902,469
Filing Date	07/10/2001
First Named Inventor	Ebbo
Group Art Unit	2122
Examiner Name	Steelman, M.
Attorney Docket Number	160315.01

all through
lines are duplicate
105 #8
non art from
MX

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.¹	U.S. Patent Document Number	Kind	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
MS		6,247,044		Gosling et al.	06-12-2001	
		~~6,253,228~~		~~Ferris et al.~~	~~06-26-2001~~	
		~~6,351,767~~		~~Batchelder et al.~~	~~02-26-2002~~	
		~~6,379,661~~		~~Allard et al.~~	~~04-09-2002~~	
MX		6,373,841		Goh et al.	04-16-2002	
MX		6,397,253		Quinlan et al.	05-28-2002	
MX		6,405,241		Gosling	06-11-2002	
MS		6,460,071		Hoffman	10-01-2002	
		~~6,460,141~~		~~Olden~~	~~10-01-2002~~	
MS		6,480,894		Courts et al.	11-12-2002	
		~~6,487,665~~		~~Andrews et al.~~	~~11-26-2002~~	
MX		6,557,038		Becker et al.	04-29-2003	
		~~6,591,272~~		~~Williams~~	~~07-08-2003~~	
MX		6,622,168		Datta	09-16-2003	
MX		2001/0054020		Barth et al.	12-20-2001	
MX		2002/0008703		Merrill et al.	01-24-2002	
		~~2003/0009478~~		~~Pomerantz et al.~~	~~01-09-2003~~	
MX		2003/0009519		Gosling et al.	01-09-2003	
		~~2003/0009667~~		~~Ferouk~~	~~01-09-2003~~	
		~~2003/0018827~~		~~Guthrie et al.~~	~~01-23-2003~~	

92 reference

92 reference

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.¹	Foreign Patent Document Kind Codes Office³ Number⁴ (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T⁶

Examiner Signature	M. Steelman	Date Considered	3.15.05

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → +

OIPE JC11
AUG 03 2005
PATENT & TRADEMARK OFFICE

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 3 of 7

Complete if Known	
Application Number	09/902,469
Filing Date	07/10/2001
First Named Inventor	Ebbo
Group Art Unit	2122
Examiner Name	Steelman, M.
Attorney Docket Number	160315.01

ed through
ences and
licates of.

last application

2 reference

MS.

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	U.S. Patent Document Number	Kind	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		~~2003/0025728~~		~~Ebbo et al.~~	~~02-06-2003~~	
MS		2003/0028565		Landsman et al.	02-06-2003	
		~~2003/0074634~~		~~Emmelmann~~	~~04-17-2003~~	
MS		5,517,655		Collins et al.	05-14-1996	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document Kind Codes[2] Office[3] Number[4]	(if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T6

Examiner Signature	M. Steelman	Date Considered	3·15·2005

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1] Unique citation designation number. [2] See attached Kinds of U.S. Patent Documents. [3] Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). [4] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [5] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. [6] Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → [+]

OIPE JC17 AUG 03 2004 PATENT & TRADEMARK OFFICE

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 4 of 7

Complete If Known	
Application Number	09/902,469
Filing Date	07/10/2001
First Named Inventor	Ebbo
Group Art Unit	2122
Examiner Name	Steelman, M.
Attorney Docket Number	160315.01

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2
MH		European Search Report 01 11 1678.7-2201	
MH		European Search Report 01 1 1 1680.3-2201	
MH		European Search Report 01 1 1 1681.1-2201	
MH		European Search Report 01 1 1 1682.9-2201	
		~~"Alterego Networks Introduces First Mobile Web Server for Enterprises, Telcos and Providers", Redwood City, CA; 11/14/2000; 3 pages~~	
		~~ANDERSON, RICHARD; HOMER, ALEX; HOWARD, ROB; SUSSMAN, DAVE; "A Preview of Active Server Pages+"; Copyright 2000, Wrox Press, Pages 1-73.~~	
		~~Developing ASP-Based Applications: Microsoft 1998, 5 pages~~	
		~~"Bluestone Software Layes Foundation for Internet Operating Environment with Total-E-Server..." Screaming Media, Business Wire; 6/5/2000; 3 pages~~	
		~~Chapter 3, "Mechanics of Developing JavaScript Applications"; Server-Side Javascript Guide; Online! 1999; pp 51-108 www.developer.netscape.com/docs/manuals/ssjs/1-4/ssjs.pdf~~	
		~~Chapter 8, "Session Mangement Service"; Server-Side Javascript Guide; Online! 1999 pp 125-166 www.developer.netscape.com/docs/manuals/ssjs/1-4/ssjs.pdf~~	
		~~"ColdFusion: Web Application Server"; Allair Corp; www.allair.com; 1995-1999; 28 pages~~	

ref through inventors are listed on 5 #8

MH.

Examiner Signature		Date Considered	3-17-05

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1] Unique citation designation number. [2] Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box -> [+]

OIPE JC17 AUG 03 2004 PATENT & TRADEMARK OFFICE

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 5 of 7

Complete if Known	
Application Number	09/902,469
Filing Date	07/10/2001
First Named Inventor	Ebbo
Group Art Unit	2122
Examiner Name	Steelman, M.
Attorney Docket Number	160315.01

Exact of Non Pat Lit Prior Art

Strikethrough indicates duplicates of 105 #8

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2
MK		CUSTER, HELEN; "Inside Windows NT"; Microsoft Press 1993; pgs 74-81	
		~~DAVULCU, HASAN; FREIRE, JULIANA; KIFER, MICHAEL; RAMAKRISHNAN, I.V; "A Layered Architecture for Quesying Dynamic Web Content"; ACM 1999; pages 491 - 502~~	
		~~DOBSON, RICK; "Data Binding in Dynamic HTML"; DBMS March 1998 pages 47-52~~	
		~~DUAN, NICK N.; "Distributed Database Access in a Corporate Environment Using Java" Bell Atlantic Corporation; 1998; 6 pages~~	
		~~ESPOSITO, DINO; "Heaven Sent"; Developer Network Journal issue 23 March/April 2001~~ pages 18-24	
		~~FRANKLIN, KEITH; "Supercharge Data Binding"; Visual Basic Programmer's Journal~~, March 2000; 7 pages	
MK		FROST, JIM; "Windows NT Security"; May 4,1995; 7 pages; http://world.std.com/~jimf/papers/nt-security/nt-security.html	
		~~"Hammock: Think of it as Swing for the Web", 7/14/2000, 1 0 pages~~	
		~~HAMMOND, ERIC "Hammock Swings through Web interfaces" www.infoworld.com/articles/mV-xml/00/07/17/000717mlhammock.xml; 7/14/2000; 3 pages~~	
MK		HOLMES, JOHN W; e-Mail response to question regarding GET/POST.HTTP request, extracted from GOOGLE's News groups, php.general, 11/1 1/2002	
		~~HOVANES, MICHAEL E; DEAL, JOHN R. GRIZZ; ROWBERG, ALAN H., "Seamless Multiresolution Display of Portable Wavelet Compressed Images" Journal of Digital Imaging, vol 12, no 2, suppl 1 (May), 1999, PP 109-111~~	

Examiner Signature	Mary Steelman	Date Considered	3-17-05

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Unique citation designation number. 2 Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → [+]

OIPE
AUG 03 2004
PATENT & TRADEMARK OFFICE

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 6 of 7

Complete if Known	
Application Number	09/902,469
Filing Date	07/10/2001
First Named Inventor	Ebbo
Group Art Unit	2122
Examiner Name	Steelman, M.
Attorney Docket Number	160315.01

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2
MX		"HTML Encyclopaedia"; http://www.scit.wlv.ac.uk/encyc/form.html; 1995-1998 2 pages	
		~~INGHAM, DAVID B; "W3Objects: A Distributed Object-Oriented Web Server" Object-Oriented~~ Web Servers and data Modeling Workshop, Sixth International World Wide Web Conference, April 1997, Santa Clara, CA 5 pages	
MX		KITAYAMA, FUMIHIKO; HIROSE, SHIN-ICHI; KONDOH, GOH; KUSE, KAZUSHI; "Design of a Framework for Dynamic Content Adaptation to Web-Enabled Terminals and Enterprise Applications"; IEEE 1999, pages 72 - 79	
		~~KUNZ, T; EL GHENTENAWY, M; GADDAH, A; HAFEZ, R; "Image Transcoding for~~ Wireless WWW Access: The User Perspective; Multimedia Computing and Netorking 2002, Proceedings of SPIE vol 467 (2002) pages 28-33	
		~~MARSHALL, JAMES; "HTTP Made Really Easy: A Practical Guide to Writing Clients and Servers"; August 16, 1997; 14 pages~~	
		~~"A Brief History of Hypertext" Microsoft Corporation, 1996, 1 page~~	
		~~NADAMOTO, AKIYO; KONDO, HIROYUKI; TANAKA, KATSUMI; "WebCarousel: Restructuring Web Search Results for Passive Viewing in Mobile Environments" IEEE 2001 page~~ 164-165	
		~~"OOP Launches Hammock at JavaOne" http://www.oop.com/pr2000-06 08.jsp?gui=Plain June 8, 2000, 1 page~~	
		~~PYARALI, IRFAN; O'RYAN, CARLOS; SCHMIDT, DOUGLAS; WANG, NANBOR; GOKHALE, ANIRUDDHA S., KACHROO, VISHAL; "Using Priciple Patterns to Optimize Real-Time~~ ORB's" ~~IEEE~~	
		~~PENN, GERALD; HU, JIANYING; LUO, HENGBIN; McDONALD, RYAN; "Flexible Web Document Analysis for Delivery to Narrow-Bandwidth Devices"; IEEE 2001; pages 1074-1078~~	
		~~SHAPIRO, MARC; "A Binding Protocol for Distributed Shared Objects" Presented at 14th International Conference on Distributed Comp. Sys.; June 21-24 1994; 17 pages~~	

d through ences are duplicate sion 105 #8 MX

in 892 reference

Examiner Signature	M. Steelman	Date Considered	3·15·05

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Unique citation designation number. 2 Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → [+]

OIPE JC
AUG 03 2004
PATENT & TRADEMARK OFFICE

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as *many sheets as necessary*)

Sheet 7 of 7

Complete if Known	
Application Number	09/902,469
Filing Date	07/10/2001
First Named Inventor	Ebbo
Group Art Unit	2122
Examiner Name	Steelman, M.
Attorney Docket Number	160315.01

Best Available Copy

in Art 892 reference

used through interview on basis of OS #8

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2
		~~GHI, WEISONG; COLLINS, ELI; KARAMCHETI, VIJAY; "Modeling Object Characteristics of Dynamic Web Content"; Proceedings of the ISEE Global Internet Conference, November 2002, 5pgs~~	
MS		SOLOMON, DAVID A. "Inside Windows NT, Second Edition"; Microsoft Press 1998; pgs 310-319	
		~~STEWART, TONY; The Document as Application: Issues and Implications" OOA XML Europe 1999; pages 575-589~~	
		~~"Best Practices for Creating Adaptive User Interfaces with the Mobile Internet Toolkit"; Microsoft Corporation, January 2002; 15 pages~~	
		~~"Best Practices for the Microsoft Mobile Internet Toolkit Image Control"; Microsoft Corporation, February 2002~~	
MS		WU, DAPENG; HOU, Y. THOMAS; ZHANG, YA-QIN; "Scalable Video Transport over Wireless IP Networks"; IEEE 2000; pages *1185 - 1191*	

Examiner Signature	M. Steelman	Date Considered	03-15-2005

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Unique citation designation number. 2 Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231~

This Page is Inserted by IFW Indexing and Scanning Operations and is not part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☒ BLACK BORDERS
- ☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
- ☐ FADED TEXT OR DRAWING
- ☐ BLURRED OR ILLEGIBLE TEXT OR DRAWING
- ☐ SKEWED/SLANTED IMAGES
- ☐ COLOR OR BLACK AND WHITE PHOTOGRAPHS
- ☐ GRAY SCALE DOCUMENTS
- ☐ LINES OR MARKS ON ORIGINAL DOCUMENT
- ☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
- ☐ OTHER: _____

IMAGES ARE BEST AVAILABLE COPY.
As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.